SMD SEMI SHIELDED POWER CHIP INDUCATOR

Features

• Semi Magnetically Shielded
• High Current
• Low DC Resistance
• Ultra Low Profile, 1.2mm Max

Electrical

Inductance Range: 1.0~22uH
Tolerance: 20% over entire range, 30% for 1.0uH, available in tighter tolerances
Operating Temp: -40°C ~ +125°C
Isat: Current at which the Inductance will drop by no more than 30% of its initial value.
Irms: Based on a temp rise of ΔT = 40°C typical above Ambient Temp.

Resistance to Soldering Heat
Pre-Heat 150°C, 1 Min.
Solder Composition: Sn 99.5%/Cu0.5
Flux for Lead Free: Rosin 9.5%
Solder Temp: 245+/−5°C for 4 sec

Test Equipment

(L): Agilent 4287A + Agilent HP4291
(RDC): Agilent 4338

Physical

Packaging: 4500 per 13” Tape and reel
Marking: EIA Code

All specifications subject to change without notice.